Stabilization Term

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Stabolization tum mx [1-(-v'(u))] multiplie - du/dg Bevendge cure Finor-ader approximation of -v'(u) around ax
-v'(u) ~ -v'(u*) -v"(u*) x [u-u*] . u^{+} munimizes $u + \sigma(u) -> 1 + \sigma(u^{+}) = 0$. U(u) is an hyperbala · v(u) = 4/u v'(u) = - A/u2 v"(u) = 2 A/n3 -> v"(u) - - v(u) ×2/u > \(\bu \langle \) = - \(\bu \langle \) \(\times 2 \rangle \bu \tag{4} $-> v''(u^*) = 2/u^*$ Overall, we obtain the following first-order approachar, in around ut - 5'(a): 1 - 2 x [u - u +] $1 - \left(-v'(u)\right) = 2 \times \frac{u - u^{+}}{u^{+}}$